

CLAIMS

I claim:

5 1. A method for supporting data streaming by a
SCSI initiator using a Packetized SCSI Protocol, said
method comprising:

 receiving a data packet information unit in a
Packetized SCSI Protocol Data In phase by said
10 SCSI initiator; and

 receiving a signal by said SCSI initiator in
said Packetized SCSI Protocol Data In phase to
indicate whether a header packet information unit
or another data packet information unit is to be
15 received next in said Packetized SCSI Protocol
Data In phase.

 2. The method of Claim 1 wherein said receiving a
signal further comprises:

20 receiving a signal from a parity signal line
of a SCSI bus.

 3. The method of Claim 2 wherein said receiving a
signal further comprises:

25 interpreting an asserted signal to indicate
said header packet information unit is to be
received next in said Packetized SCSI Protocol
Data In phase.

30 4. The method of Claim 1 wherein said receiving a
signal further comprises:

 interpreting an asserted signal, on a line of
a SCSI bus, to indicate said header packet
information unit is to be received next in said
35 Packetized SCSI Protocol Data In phase.

5. A method comprising:

receiving a header packet information unit by
said SCSI initiator in said Packetized SCSI
Protocol Data In phase; and

receiving a plurality of data packet
information units, one immediately after another,
by said SCSI initiator in said Packetized SCSI
Protocol Data In phase.

6. The method of Claim 5 further comprising:

determining whether a signal on a SCSI bus
line has been asserted during said Packetized SCSI
Protocol Data In phase to indicate transmission of
another header packet information unit in said
Packetized SCSI Protocol Data In phase.

7. The method of Claim 6 further comprising:

receiving said another header packet
information unit by said SCSI initiator in said
Packetized SCSI Protocol Data In phase upon
determining said signal has been asserted.

8. The method of Claim 7 further comprising:

receiving another data packet information
unit by said SCSI initiator in said Packetized
SCSI Protocol Data In phase following receipt of
said another header packet information unit.

9. A method comprising:

receiving a header packet information unit in
said Packetized SCSI Protocol Data In phase;
receiving a data packet information unit in
said Packetized SCSI Protocol Data In phase; and

determining whether another header packet information unit is to be received next in said Packetized SCSI Protocol Data In phase.

5 10. The method of Claim 9 where said determining further comprising:

 interpreting an asserted signal, on a SCSI
 bus line during said Packetized SCSI Protocol Data
 In phase, to indicate transmission of another
10 header packet information unit in said Packetized
 SCSI Protocol Data In phase.

 11. The method of Claim 10 further comprising:
 receiving said another header packet
15 information unit by said SCSI initiator in said
 Packetized SCSI Protocol Data In phase.

 12. The method of Claim 11 further comprising:
 receiving another data packet information
20 unit by said SCSI initiator in said Packetized
 SCSI Protocol Data In phase following receipt of
 said another header packet information unit.

 13. The method of Claim 9 further comprising:
25 receiving another data packet information
 unit by said SCSI initiator in said Packetized
 SCSI Protocol Data In phase upon determining not
 to receive another header packet information unit.

30 14. A SCSI initiator device comprising:
 a read streaming module configured to perform
 a method comprising:
 receiving a data packet information unit
 in a Packetized SCSI Protocol Data In phase;

receiving a signal in said Packetized
SCSI Protocol Data In phase to indicate
whether a header packet information unit or
another data packet information unit is to be
5 received next in said Packetized SCSI
Protocol Data In phase; and
interpreting an asserted signal to
indicate said header packet information unit
is to be received next in said Packetized
10 SCSI Protocol Data In phase.

15. The SCSI initiator device of Claim 14 wherein
said receiving a signal further comprises:
receiving a signal from a parity signal line
15 of a SCSI bus.

16. The SCSI initiator device of Claim 15 wherein
said receiving a signal further comprises:
interpreting an asserted signal to indicate
20 said header packet information unit is to be
received next in said Packetized SCSI Protocol
Data In phase.

17. The SCSI initiator device of Claim 14 wherein
25 said receiving a signal further comprises:
interpreting an asserted signal, on a line of
a SCSI bus, to indicate said header packet
information unit is to be received next in said
Packetized SCSI Protocol Data In phase.

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18. A SCSI initiator device comprising:
a read streaming module configured to perform
a method comprising:

receiving a header packet information
unit in said Packetized SCSI Protocol Data In
phase;

5 receiving a data packet information unit
in said Packetized SCSI Protocol Data In
phase;

determining whether to receive another
header packet information unit in said
Packetized SCSI Protocol Data In phase; and

10 interpreting an asserted a signal on a
SCSI bus line, during said Packetized SCSI
Protocol Data In phase, to indicate another
header packet information unit is to be
15 received next in said Packetized SCSI
Protocol Data In phase.

19. The SCSI initiator device of Claim 18, said
method further comprising:

20 receiving said another header packet
information unit in said Packetized SCSI Protocol
Data In phase.

20. The SCSI initiator device of Claim 19, said
method further comprising:

25 receiving another data packet information
unit in said Packetized SCSI Protocol Data In
phase.